

Notice of Allowability	Application No.	Applicant(s)	
	09/712,589	ICHIKAWA ET AL.	
	Examiner	Art Unit	
	Christopher Onuaku	2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 1/31/05.
2. ☒ The allowed claim(s) is/are 1-8&10-17 (now renumbered 1-16, respectively).
3. ☒ The drawings filed on 14 November 2000 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

Allowable Subject Matter

1. Claims 1-8&10-17 are allowable over the prior art of record.
2. The following is a statement of reasons for the indication of allowable subject matter:

Regarding claim 1, the invention relates to a data reproduction apparatus and method suitable for use in a rapid reproduction in a chronologically forward or backward direction of picture data or voice data stored on disk recording media, such as an optical disk or a magneto-optical disk.

The closest references Comer (US 6,201,927) discloses MPEG encoded signal decoding, including the reproduction and decoding of such signals from a medium in a reverse direction, and Kawamura et al (US 6,308,004) teach a data reproduction apparatus and a data storage medium that can be preferably applied to, for example, those using a storage medium with digitized moving pictures stored therein.

However, Comer and Kawamura et al fail to explicitly disclose a data reproduction apparatus, where the apparatus comprises stream detecting means for detecting a sector that includes at least intra picture data and creating a second control information indicating the sector that includes the at least intra picture data corrected by the correction means and a decoding means for decoding a part of the data corrected by the correction means and stored in the storage means referring to the first

reproduction control information and the second reproduction control information in case of a rapid reproduction, and for outputting the part of the data as a regenerative signal.

Regarding claim 10, the invention relates to a data reproduction apparatus and method suitable for use in a rapid reproduction in a chronologically forward or backward direction of picture data or voice data stored on disk recording media, such as an optical disk or a magneto-optical disk.

The closest references Comer (US 6,201,927) discloses MPEG encoded signal decoding, including the reproduction and decoding of such signals from a medium in a reverse direction, and Kawamura et al (US 6,308,004) teach a data reproduction apparatus and a data storage medium that can be preferably applied to, for example, those using a storage medium with digitized moving pictures stored therein.

However, Comer and Kawamura et al fail to explicitly disclose a data reproduction method, where the method comprises the steps of detecting a sector that includes at least intra picture data and creating a second control information indicating the sector that includes the at least intra picture data corrected and decoding a part of the data referring to the first reproduction control information and the second reproduction control information for rapid reproduction.

Conclusion

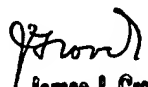
3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher Onuaku whose telephone number is 571-272-7379. The examiner can normally be reached on M-F.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Groody can be reached on 571-272-7950. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


COO
6/16/05


James J. Groody
Supervisory Patent Examiner
Art Unit 262 2616